Best Practices for mySAP.com

FUNCTIONAL SPECIFICATION INTERFACES

Section I: Justification

Area (SAP System components):	FI (GL)		Date:	04/26/06
Requested by:	Teresa Hane		Tel no:	
Title:	JE (FV50)			
Short description:	Process payroll for agencies.			
Program type:	☒ Batch interfaces ☐ Online interfaces			
Priority:	☒ High/mandatory ☐ Medium/recommended ☐ Low/optional			

Interface specification:

Type of interface:	☐ BAPI ☒ IDOC ☐ ALE ☐ Others
Created with:	☒ SAP Standard interface ☐ Add-on interface
Interface direction:	☒ Inbound ☐ Outbound ☐ Both
Frequency:	☐ Daily ☐ Weekly ☐ Monthly
	☐ Biweekly ☒ Others: Bi-Monthly 1st and 16th

General information:

Results if no interface is are created:	☐ Legal requirements not fulfilled
	☒ Lack of essential business information
	☐ Lack of functions compared to legacy system
	☐ Others: Increased manual entry

Approx. duration of development work:	5 Days	
Is there an alternative in the standard system?	☐ Yes ☒ No	
Description of alternative:		
Reasons why alternative is not acceptable:	☐ Performance problems ☐ Complexity	
	☐ Others:	
Project cost:		Charge cost to:	
Cost approved by:			
Date of project management approval:		Date of steering committee approval:	

1.8_support_Functional_Spec_STARS_Part_4_Payroll.doc

Best Practices for mySAP.com

Section II: Detailed Functional Description

Background:

The State of South Carolina expectations for the non-live agency process:

- Minimize impact to non-live SAP agencies
  - Allows non-live agencies to continue accessing STARS inquiry systems, functionality and reports
  - Allows non-live agencies to continue accessing files in current format and data to STARS
- Minimize impact on SCEIS resources needed to support non-live agencies
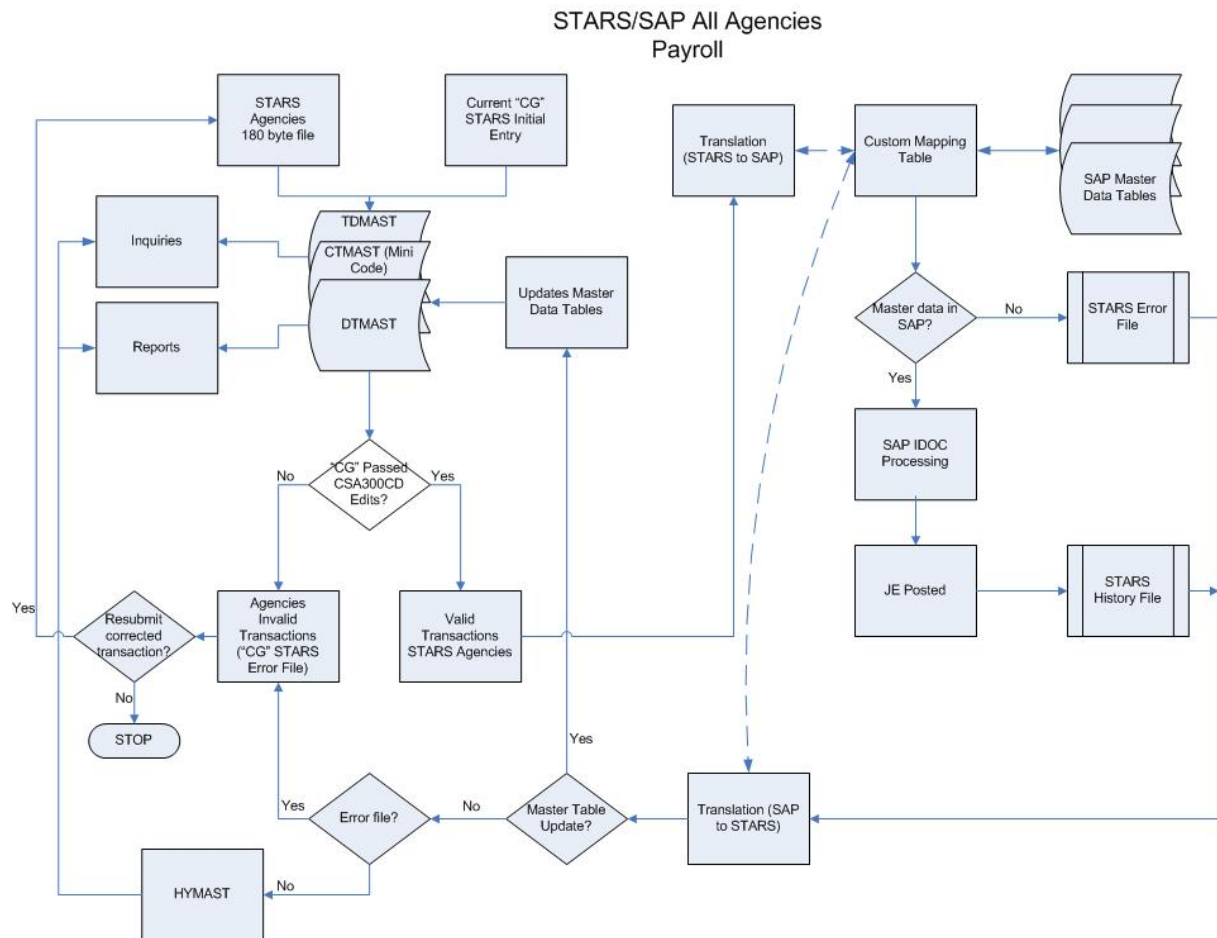- Minimize development cost of maintaining legacy STARS systems

Requirement:

- Since HR is not part of the current implementation, payroll will continue to be processed through the legacy system. The State has a separate payroll legacy system that interfaces to STARS and to the separate Treasurer's Office checkwriting system. Payroll will continue to be interfaced from the separate payroll system to STARS and then will enter SAP through the STARS interface via a JE. The system accept a maximun of 999 lines per documents. If the JE has more the 999 lines, the system will create the more than one document.
- Checks will be issued from the legacy system semi-monthly (1st and 16th).
- Payroll JE will be allowed to process with insufficient cash (negative balance) and budget. Payroll JE will be mapped to STARS master data and will be included in the STARS History file.
- Most fringes are processed as IDTs and as such will be processed with other IDTs through the STARS interface to SAP (reference Functional Spec Part II FV60 Payable).
- Payroll JE will not require WF since it will be completed in the legacy system.
- Non-live agencies and live agencies will post:
  Dr. GL Account (Salaries)
  Cr. Cash
  Note: STARS does not post at the level of detail that most agency legacy systems do and that SAP will use. For payroll and fringes, <u>live agencies</u> can use a cost center/internal order on the JE and then settle that order to the appropriate cost centers. Non-live agencies will continue to process at their chosen level of detail on the legacy system and all transactions will post in SAP at the STARS level of detail. The remaining problem may be that some agencies use the multipurpose code to help post and reconcile STARS level to legacy system level detail. Therefore, SAP via the STARS interface may have to record and pass the multipurpose code.

Note: The STARS History file and Error file will be covered in separate functional specs.

Best Practices for mySAP.com

STARS/SAP All Agencies
Payroll

1.8_support_Functional_Spec_STARS_Part_4_Payroll.doc

Best Practices for mySAP.com

A) Inbound Interfaces (Non-SAP System → SAP System)	
Relevant tables:	Custom Data Mapping, BKPF, BSEG, BSEG_ADD, BSIS and BSAS
Description of inbound interface:	The inbound file will have STARS legacy master data so the program will access the data mapping table (custom) and translate to SAP master data. If the record is a JE, Transaction FV50 Park GL Account Document Program SAPMF05A will be used to post the entry. Possible Idoc: IDOC ACC_GL_POSTING01 If the record fails for master data, the record will be included in the STARS Error file. If the record requires a reversal, the program will have to access the BSAK or BSEG to identify if the document has already been cleared. If the document has not been cleared, transaction FB08 Reverse Document Header SAPMF05A will be completed. If the document has been cleared, transaction FBRA Reset and and Reverse Document SAPMF05R may be completed. Possible Idoc: IDOC ACC_GL_POSTING_REVERSE01 When the JE is posted, the record with the document number will be mapped back to STARS master data and will be included in the STARS History file.
Input file 01:	
File name.	(path)
Layout	

Position	Field name	Type	Length	Decimals	Description
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

Best Practices for mySAP.com

B) Outbound interfaces (SAP System → Non-SAP System)					
Relevant tables:	Custom data mapping table, STARS History File table, STARS Error File table				
Description of outbound interfaces:	The data will need to be written to a custom table for: STARS History File This will be covered in detail in Functional Spec STARTS Part XIII STARS History file.				
Output file 01:					
File name:	(path)				
Layout					
Position	*Fieldname*	*Type*	*Length*	*Decimals*	*Description*
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

1.8_support_Functional_Spec_STARS_Part_4_Payroll.doc

Best Practices for mySAP.com

Section III: Functional test				
Program:	ZFO0001		Test date:	
Developer:			Tel no:	

Team member responsible for testing:
1. Test file(s):   (optional)

2. Is the program in line with the functional specification?
   ☐ Yes ☐ No
   If "Yes", sign the form in the appropriate section below. If necessary, add some comments in the
   'General comments' section.
   If "No", describe the errors in the program here.

Developer responsible:
3. Describe the solution(s) :

4. New completion date:

Comments after second test (if the program contained errors after first test):
Date: /   /

General comments:

Names and signatures:

_____

Application consultant

_____

Developer